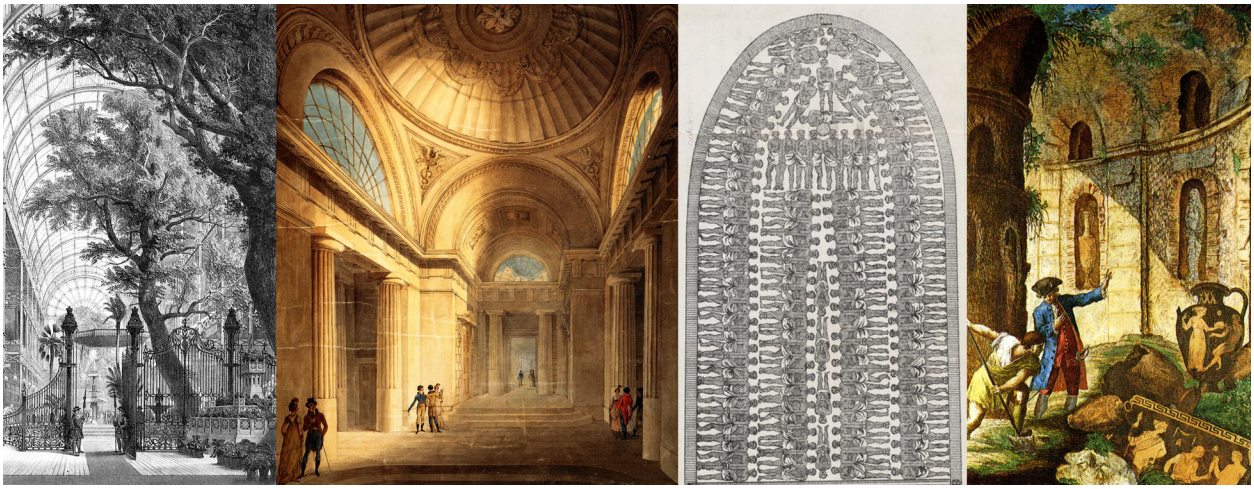
ARCH 345/645 HART 345/645 ARCH HISTORY/THEORY PRE-1890
Spring 2014, MWF 11:00-11:50am
Keck Hall 102 (MW); Anderson Hall 148, 210, 230 (F)
Prof. Sara Stevens, Ph.D.
TAs: Andrea Brennan andrea.brennan@rice.edu and Amelia Hazinski amelia.t.hazinski@rice.edu
Email: sara.k.stevens@rice.edu
Office: 326 Anderson Hall, x3546



Empire Building:

The Cultural Economy of Architectural Production, pre-1890

This course will introduce students to a global history of architecture focused on the 18th and 19th centuries. The course argues that cultural exchanges produced not just style, nationalism, memory, and eclecticism, but architectural knowledge itself. By using empire as a rubric for studying architecture, the course will situate design within a system of economic and cultural exchanges. In tracing architectural interactions across continents, the political economy of globalization appears in a much longer history, amidst a diverse set of actors, including both colonizers and colonized. Students will learn to read buildings and interpret their cultural meaning and to interrogate the changing relationship between architecture and society.

Our readings of projects will highlight the cultural economy of architectural production, by which I mean the ways that a design is embedded in political economies through cultural output and exchanges. Through thematic investigations arranged in an overlapping chronology, the lectures, while far from comprehensive, will offer synthesis and narrative (without denying disjunctures) and will offer examples of the analytic work expected of the students in their assignments. With close readings of 2-3 projects each week, the course will examine infrastructure, landscape, technology, representation, and politics as constituent parts of architectural design.

The course is open to students from all disciplines. The format for the course will be two lectures and one discussion section each week. Lectures will be in Keck Hall 102 (go straight up the ramp to the right of Valhalla) and discussion sections on Mondays will meet in Anderson Hall 148, 210, 230. Discussions will center around the readings and writing assignments.

GOALS

- To learn to read buildings: using drawings, sketches, perspectives, renderings, paintings, and any number of visual sources, students will read and interpret architectural and cultural meaning.
- To learn to interpret documents: primary and secondary sources (i.e. this is not a grab bag of ideas for thesis projects).
- To interrogate the changing relationship between architecture and society, the impact of the industrial revolution, international trade ways, and cultural contact on defining architectural design.
- To interrogate architecture's changing obsessions with memory, eclecticism, style, technologies, commerce, and nation.
- To understand what studying buildings can reveal about their cultural contexts (political, economic, social, technological, environmental, aesthetic) and to see how the production of buildings and designs negotiates those contexts.

ASSIGNMENTS

In addition to active weekly participation, students will be expected to master the concepts presented in the class (in other words, this will be neither slide memorization nor advanced independent research) through three types of assignments. For students enrolled in ARCH645, the short papers will be longer and will require greater development of the research topic and analysis.

1. Fast, frequent visual analysis exercises (that combine writing and drawing) will structure architectural interpretations of historical projects. [Every 2 weeks, students will turn in 1 hand-drawn sketch and 1 short paragraph analyzing a project shown in lecture. The paragraph will be an informal, writing-to-learn exercise that aims for historiographic commentary (i.e. students develop an argument about the work, rather than merely mining projects for studio techniques).]
2. Three written assignments will develop research skills as a set of linked step-by-step assignments to build students' abilities to undertake independent research projects in subsequent courses. These will be outlined in detail as the course progresses. [Understanding primary/secondary sources; finding and integrating sources and illustrations; analyzing others' arguments; making your own arguments.]
    1. DUE JAN 25: Close reading of an image from lecture (500 words)
    2. DUE FEBRUARY 22: Timeline of a project from class lectures or readings, with captions and annotations (graphic design and synthesis of content)
    3. DUE MAY 10: TBD (500 words)
3. Two short-answer exams will cover content, and point toward the questions that motivate architectural history.

GRADING

15%	Midterm
15%	Final
20%	Participation / visual analysis exercises
50%	3 Short papers

TEXTBOOKS

Both are required; both are available through the campus bookstore and through online sources (bookfinder.com).

- James-Chakraborty, Kathleen. *Architecture Since 1400*. Minneapolis and London: University of Minnesota Press, 2014.
- Bergdoll, Barry. *European Architecture 1750-1890*. Oxford History of Art. New York: Oxford University Press, 2000.

GUIDELINES

- Discussion sections will be where readings and lecture materials are discussed. Graduate students will have their discussion section with the professor; undergraduate discussion sections will be led by advanced graduate students with special expertise in the course topic. Come to each discussion ready to ask questions (hint: write down questions and bring them with you) and engage the material. Discussions will also be where we will explain and workshop assignments.
- Readings that are not from the textbooks will be available on owlspace a week before each class meeting. The purpose of the course readings is to foster a good, engaged discussion. Therefore, you are required to print out the readings and bring them to class along with your notes so we can refer back to them.
- I reserve the right to make changes to the readings and assignments as the semester moves along, but will stay within the boundaries of the work load signaled in this syllabus.
- Please be polite to your classmates by staying focused during class: no texting, social media, web surfing, etc.
- I will respond to emails within 24 hours, except on weekends and holidays. If you have a question about an assignment or want help, I need to know before 4:30p.m. the day before it is due.
- No extensions; the deadlines are firm.
- No unexcused absences. If you must miss a class session, inform me and your section leader in advance to explain. Absences without prior approval will result in a reduced participation grade.
- Any student with a disability that requires accommodation should contact me outside of class and Disability Support Services in the Allen Center: https://dss.rice.edu/
- In this course, all students will be held to the standards of the Rice Honor Code, a code that you pledged to honor when you matriculated at this institution. If you are unfamiliar with the details of this code and how it is administered, you should consult the Honor System Handbook at http://honor.rice.edu/honor-system-handbook/. This handbook outlines the University's expectations for the integrity of your academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process.
- Office location: Anderson Hall 326. (My door is open, but please email before you visit in case I'm away from my desk.)

SCHEDULE, TOPIC, AND READINGS:

WEEK 1: CONSTRUCTING THE PAST

January 12 (January 16 discussion; MLK Holiday January 19)

Bamiyan Buddhas, Perrault's east facade of the Louvre, Paris facade

READINGS:

- Mitchell, Timothy. "The Stage of Modernity." In *Questions of Modernity*, edited by Timothy Mitchell, (Minneapolis, MN: University of Minnesota Press, 2000), 1-34.
- Arindam Dutta, "The Department of Science and Art: The Aesthetic in the Age of Its Global Reproducibility," in *The Bureaucracy of Beauty: Design in the Age of its Global Reproducibility* (Routledge, 2007), **1-16**. [Note that the pdf on owlspace is longer.]
- SKIM: *Description of the House and Museum on the North Side of Lincoln's Inn Fields, the Residence of Sir John Soane* (London: privately printed, 1835). (link to archive.org on owlspace)
- [Bergdoll, Introduction and Chapter 1; James-Chakraborty, Introduction]

BACKGROUND:

- Edward W. Said, *Orientalism*, (New York: Pantheon Books, 1978).
- Gülsüm Baydar Nalbantoğlu, "Toward Postcolonial Openings: Rereading Sir Banister Fletcher's 'History of Architecture,'" *Assemblage*, no. 35 (April 1998): 6, doi:10.2307/3171235.
- George Kubler, *The Shape of Time: Remarks on the History of Things* (New Haven: Yale University Press, 1962).
- Johannes Fabian, *Time and the Other: How Anthropology Makes Its Object* (New York: Columbia University Press, 1983).

WEEK 2: INSTITUTIONS OF EMPIRE

January 21

John Soane, Bank of England; East India House and Museum, London; British Houses of Parliament, London; Hôtel Dieu, Paris; Christopher Wren, Royal Naval Hostpial, Greenwich; Le Roy & Viel, hospital wards; Florence Nightingale, hospital wards; Johns Hopkins Hospital, Cabot and Chandler, Baltimore; George Dance, Newgate Prison, London; Jeremy Bentham, Panopticon prison; John Haviland, Eastern State Penitentiary, Philadelphia; Thomas Kirkbride, Linear insane asylum typology; H. H. Richardson, Buffalo State Hospital for the Insane

READINGS:

- Sophie Forgan, "Building the Museum: Knowledge, Conflict and the Power of Place," *Isis* 96 (4) (2005), pp.572-585.
- Carla Yanni, "Introduction," in *The Architecture of Madness: Insane Asylums in the United States* (U of Minnesota Press, 2007), 1-16.
- Anthony Vidler, "Confinement and Cure: Reforming the Hospital, 1770-1789 in *The Writing of the Walls* (Princeton Architectural Press, 1987), 51-72.
- [Bergdoll, Chapter 4]

BACKGROUND:

- Peter Hall, "Utilitarian City: London, 1825-1900," in *Cities in Civilization* (Pantheon, 1998), 657-674, 689-695.
- Robin Middleton, "The History of John Soane's 'Designs for Public and Private Buildings,'" *The Burlington Magazine* 138 (1996): 506–516.

- Edward Eigen, “On the Record: J.M.W. Turner's Studies for the Burning of the Houses of Parliament and Other Uncertain Bequests to History,” *Grey Room* 31 (2008): 68–89.
- Daniel M. Abramson, *Building the Bank of England: Money, Architecture, Society, 1694-1942* (New Haven and London: Yale University Press, 2005).

JANUARY 25: CLOSE READING DUE

WEEK 3: ON THE SHORES OF EMPIRE

January 28

Lecture January 21: The Lettered City: Latin American colonial urbanism [various plans for colonial cities in Latin America (Caracas, Lima, Santiago, Mexico City, etc.); San Augustin, Acolman; Plaza Mayor/Zócalo, Mexico City; Tenochtitlàn; Catedral Metropolitana de la Asunción de María; Sacsahuaman, Cuzco, Peru]

Lecture January 23: The Transatlantic Slave Trade [Elmira and Cape Coast slave castles; slave ships; Tuckahoe Plantation; Monticello]

READINGS:

- Angel Rama, *The Lettered City* (Chapter 1 and 2)
- Carlos Fuentes, “Reflections on Spain and the New World,” and excerpts from “The Law of the Indies,” in *Cruelty and Utopia: Cities and Landscapes of Latin America* (New York: Princeton Architectural Press, 2005), 13-30.
- Anthony, Carl. "The Big House and the Slave Quarters: Part I, Prelude to New World Architecture." *Landscape* 20, no. 3 (Spring 1976): 8-19.
- ———. "The Big House and the Slave Quarters: Part II, African Contributions to the New World." *Landscape* 21, no. 1 (Autumn 1976): 9-15.
- [James-Chakraborty, Chapter 10 “Spain and Portugal in the Americas”]

BACKGROUND:

- Cheryl Finley, “Authenticating Dungeons, Whitewashing Castles: the Former Sites of the Slave Trade on the Ghanaian Coast” in and D. Medina Lasansky, eds. *Architecture and Tourism: Perception, Performance and Place* (Berg, 2004).
- Wright, Gwendolyn. “The 'Big House' and the Slave Quarters.” Chapter 3 in *Building the Dream: A Social History of Housing in America*. New York: Pantheon Books, 1981, 41-57.

WEEK 4: EMPIRE’S ORDERED GARDEN

February 4

Versailles palace and gardens; Vaux-le-Vicomte gardens; Stowe; Stourhead House and gardens; Strawberry Hill; British Royal Pavilion; William Chambers, Pagoda at Kew Gardens; gardens of the Summer Palace, Beijing

READINGS:

- W.J.T. Mitchell, “Imperial Landscape,” from *Landscape and Power* (Chicago, University of Chicago Press, 1994), 5-34.
- Michel Baridon, “The Astronomers in the Garden: Measuring Nature,” “Engineers and Gardeners: The Remodeling of the Gardens,” “Hydraulics and Physics: Water and Air,” in *A History of the Gardens of Versailles*, trans. Adrienne Mason (Philadelphia: University of Pennsylvania Press, 2008), 72–107.
- Thomas Jefferson, A selection of his letters, 1787-1810, from Harry Mallgrave, *Architectural Theory Volume 1*, 2006, 435–432.
- [Bergdoll, Chapter 3]

BACKGROUND:

- Leo Marx, selections from *The Machine in the Garden* (Oxford, 1964).
- Thierry Mariage, "Theory and Forms of the French Garden," in *The World of André Le Nôtre*, trans. Graham Larkin (Philadelphia: University of Pennsylvania Press, 1999), 47–92.

WEEK 5: NEW WORLD ORDERS

February 11

Claude Nicholas Ledoux, Salines de Chaux (royal saltworks); Ledoux barriers (toll booths), Paris; Étienne-Louis Boulée, project for a national library; Boulée, Cenotaph for Newton; Boulée, project for a national palace; Boulée, project for a municipal palace; Charles Fourier, phalanstery as drawn by Victor Considerant; Godin's Guise Familistère; Robert Owen, New Harmony, Indiana; North American Phalanx, New Jersey

READINGS:

- Anthony Vidler, "The Theater of Industry: Ledoux and the Factory Village of Chaux," *The Writing of the Walls* (1987), 35–49.
- Dolores Hayden, "The Architecture of Complex Marriage," from *Seven American Utopias* (MIT, 1976), 186–220.
- [Bergdoll, Chapter 6]

BACKGROUND:

- Barry Bergdoll, "The French Academy in Rome, 1826–1832: Laboratory of Romantic Historicism," Léon Vaudoyer: Historicism in the Age of Industry (New York: The Architectural History Foundation, MIT Press: 1994), 75–108.

WEEK 6: INDUSTRIAL MODERNITY

February 18

READINGS:

- Donald MacAlister, "How a Bone is Built," *The English Illustrated Magazine* (July 1884): 640–649.
- James F. Gorman, "Man-Made Mountain: 'Gathering and Governing' in H. H. Richardson's Design for the Ames Monument in Wyoming," in Susan Danly, Leo Marx, eds., *The Railroad in American Art: Representations of Technological Change* (1988), 113–126.
- Darcy Grimaldo Grigsby, "Geometry/Labor=Volume/Mass?" *October* 106 (2003): 3-34.
- [James-Chakraborty, Chapter 17 "The Industrial Revolution;" Bergdoll, Chapter 7]

FEBRUARY 22: TIMELINE DUE

WEEK 7: LINES IN THE CITY + MIDTERM

February 25 (DISCUSSION AFTER SPRING BREAK)

Haussman's Paris; Vienna's Ringstrasse; John Nash, Regent Street, London; Nash, Royal Crescent, Bath

READINGS:

- Antoine Picon, "Nineteenth-Century Urban Cartography and the Scientific Ideal: The Case of Paris," *Osiris*, 2nd Series, Vol. 18, Science and the City (2003), 135-149
- Walter Benjamin, *Paris Capital of the Nineteenth Century*, 1935
- Peter Hall, "City of Perpetual Public Works: Paris 1850-1870," in *Cities in Civilization* (Pantheon, 1998), 706-745.

- Erika Rappaport, “Art, Commerce, or Empire? The Rebuilding of Regent Street, 1880–1927,” *History Workshop Journal* 53 (1), 94-117.
- [James-Chakraborty, Chapter 18; Bergdoll, Chapter 8]

BACKGROUND READING:
- Catherine McNeur, “The ‘Swinish Multitude’: Controversies over Hogs in Antebellum New York City,” Journal of Urban History 37.5 (September 2011): 639-660.
- Pinkney, David H. "Money and Politics in the Rebuilding of Paris, 1860-1870," *Journal of Economic History* (1957) 17#1 pp 45–61.
- Carl E. Schorske, *Fin-de-Siècle Vienna: Politics and Culture*, (New York: Knopf, 1979).

WEEK 8: SPRING BREAK!

WEEK 9: NATURE AS APART

March 11

Hyde Park, London; Crystal Palace; Frederick Law Olmsted, Central Park, New York City; pastoral cemeteries

READINGS:
- Gottfried Semper, excerpts from “Science, Industry, and Art: Proposals for the Development of a National Taste in Art at the Closing of the London Industrial Exhibition” (1852) in Harry Francis Mallgrave, *Architectural Theory Volume 1* (Blackwell, 2013), 540-544.
- John Ruskin, “The Opening of the Crystal Palace Considered in Some of its Relations to the Prospects of Art” (1852).
- Roy Rozenzweig, Elizabeth Blackmar, “The Greensward and Its Creators,” *The Park and the People: A History of Central Park* (Ithaca: Cornell University Press, 1992), 121–149.
- [Bergdoll, Chapter 7]

WEEK 10: DOMESTICITY AND PATRIARCHAL CAPITALISM

March 18

American Woman’s Home; balloon frame housing; department stores and arcades; pattern books

READINGS:
- Catherine Beecher with Harriet Beecher Stowe, *The American Woman’s Home*, 1869 (selections)
- Andrew Jackson Downing, excerpts from “A Treatise on the Theory and Practice of Landscape Gardening,” “Cottage Residences,” The Architecture of Country Houses,” (1841-1850) in in Harry Francis Mallgrave, *Architectural Theory Volume 1* (Blackwell, 2013), 457-465.
- Sigfried Gideon, The Balloon Frame and Industrialization,” from *Space, Time, and Architecture* (Harvard, 1941) 347-354.
- William Gleason, *Sites Unseen: Architecture, Race, and American Literature* (New York: NYU Press), selections.
- [James-Chakraborty, Chapter 19 “The Domestic Ideal”]

BACKGROUND:
- Erika Rappaport, “‘The Halls of Temptation:’ Gender, Politics, and the Construction of the Department Store in Late Victorian London,” *Journal of British Studies* 35, No. 1 (Jan., 1996), pp. 58-83.

- Andrew Jackson Downing, *The Architecture of Country Houses* (1850; reprinted by Dover, 1969 and others).
- David Schuyler, *The New Urban Landscape: The Redefinition of City Form in Nineteenth-Century America* (Baltimore: Johns Hopkins University Press, 1986; on line), Chapter 8: "Urban Decentralization and the Domestic Landscape, pp. 149-166.

WEEK 11: INSTABILITY IN METROPOLE AND PERIPHERY

March 25

Edwin Lutyens, Delhi; French colonial Algeria

READINGS:

- Preeti Chopra, "Anglo-Indian Architecture and the Meaning of Its Styles," in *A Joint Enterprise: Indian Elites and the Making of British Bombay* (Minnesota, 2011), 31-72.
- Marc Crinson, *Empire Building: Orientalism and Colonial Architecture* (selections)
- Zeynep Celik, *Edges of Empire: Orientalism and Visual Culture,* (selections)
- [James-Chakraborty, Chapter 20 "Empire Building,"]

WEEK 12: BUILDING PRESTIGE, REPRODUCING KNOWLEDGE

April 1 (SPRING RECESS April 2-3)

READINGS:

- Arindam Dutta, "The Department of Science and Art: The Aesthetic in the Age of Its Global Reproducibility," in *The Bureaucracy of Beauty: Design in the Age of its Global Reproducibility* (Routledge, 2007), 16-39.
- Mary Woods on professionalization (perhaps "The first professional: Benjamin Henry Latrobe," in Eggener *American Architectural History*, pp. 112-31)
- Joan Ockman "…1789-1860" "…1860-1920" in *Architecture School: Three Centuries of Architectural Education in the United States* ...

WEEK 13: ALL THE WORLD'S A STAGE

April 8

Eiffel tower, Paris; Firth of Forth bridge

READINGS:

- Gustave Eiffel, "Proposal for an Iron Tower: 300 Metres in Height," Claudette Roland and Patrick Weidman, trans. *arq: Architecture Research Quarterly* vol. 8, no. 3/4 (2004): 215-245.
- Michael Baxandall, "The Historical Object: Benjamin Baker's Forth Bridge," in *Patterns of Intention: On The Historical Explanation of Pictures* (New Haven and London: Yale University Press, 1985), 12-40.
- Mabel Wilson, Negro Building (selections)

BACKGROUND:

- Dietter Applelt, Forth Bridge—Cinema. Metric Space (http://www.cca.qc.ca/en/exhibitions/144-dieter-appelt-forth-bridge-cinema-metric-space)

WEEK 14: CATCHUP CLASS / FINAL DISCUSSION

April 15

April 15: Lecture/Discussion

April 17: No class (Charette!)

WEEK 15: NO CLASS / RSA JURY WEEK

FINAL ASSIGNMENT + EXAM DUE: MAY 10

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